

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040688 A2

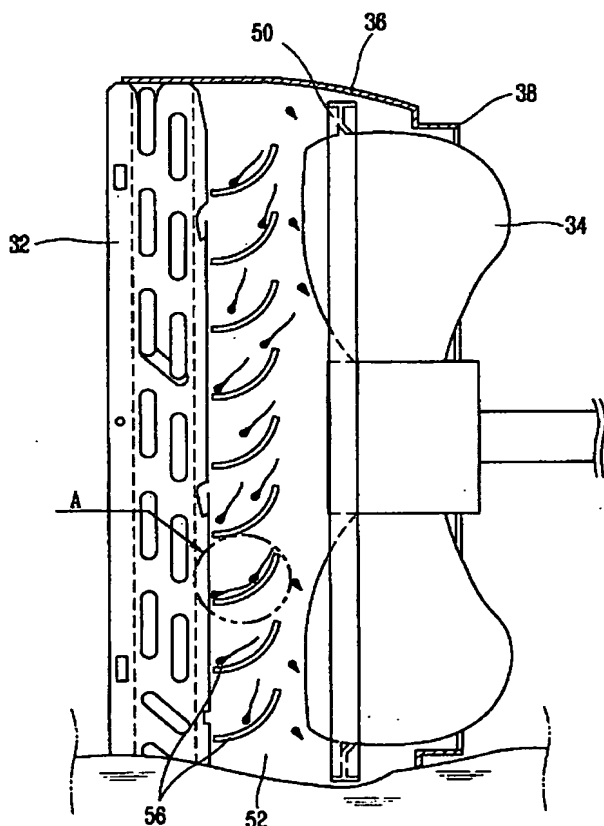
- (51) International Patent Classification⁷: **F24F**
- (21) International Application Number:
PCT/KR2004/002378
- (22) International Filing Date:
16 September 2004 (16.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10-2003-0074389 23 October 2003 (23.10.2003) KR
- (71) Applicant (for all designated States except US): **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongsungpo-Gu, Seoul 150-010 (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **EOM, Yoon-Seob**

[KR/KR]; Woosung Apt. 101-1006, Namyang-Dong, Changwon, Gyung-sangnam-Do 641-091 (KR). **KOO, Jeong-Hwan** [KR/KR]; 18/4, 1346-22, Daeyeon 5-Dong, Nam-Gu, Busan 608-808 (KR). **PARK, Nae-Hyun** [KR/KR]; 17-346, Bulgwang 1-Dong, Eunpyeong-Gu, Seoul 122-847 (KR). **HAN, Dong-Joo** [KR/KR]; 944-3, Dongsam 2-Dong, Yeongdo-Gu, Busan 606-804 (KR). **RYOO, Byeong-Jo** [KR/KR]; Daedong Cheongsol Apt. 103-1905, Anmin-Dong, Changwon, Gyung-sangnam-Do 641-150 (KR).

- (74) Agent: **PARK, Jang-Won**; Jewoo Bldg. 5th Floor, 200, Nonhyun-Dong, Gangnam-Gu, Seoul 135-010 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,

[Continued on next page]

(54) Title: WINDOW TYPE AIR CONDITIONER



(57) Abstract: A window type air conditioner comprises: a case of which one side is positioned at an indoor side and another side is positioned at an outdoor side; an outdoor heat exchanger mounted inside the case positioned at the outdoor side thus to be heat-exchanged with the outdoor air; an axial fan opposite to the outdoor heat exchanger and blowing outdoor air by a centrifugal force; a condensate water dispersing unit for dispersing condensate water collected at a lower portion of the case to a surface of the outdoor heat exchanger; and a shroud in which the outdoor heat exchange is mounted, wherein the shroud is provided with a condensate water guide for guiding condensate water dispersed to an inner surface of the shroud by the condensate water dispersing unit to the outdoor heat exchanger.



MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

Published:

- *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.